

# WEST Search History

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DATE: Tuesday, June 28, 2005

Hide?	Set Name	Query	Hit Count
		<i>DB=PGPB,USPT,USOC; PLUR=YES; OP=ADJ</i>	
<input type="checkbox"/>	L14	L12 and ((fe or iron or fe?sub.\$5 or co or cobalt or co?sub.\$5 or ni or nickel or ni?sub.\$5 or mn or manganese or mn?sub.\$5) with (ca or calcium or ca?sub.\$5 or sr or strontium or sr?sub.\$5 or ba or barium or ba?sub.\$5 or pb or lead or pb?sub.\$5 or y or yttrium or y?sub.\$ or la or lanthanum or la?sub.\$ or gd or gd?sub.\$ or gadolinium) with (tio?sub.3 or zro?sub.3 or sno?sub.3 or hf?sub.3 or mo?sub.3 or ta?sub.3 or w?sub.3 or nb?sub.3 or al?sub.3 or titnate or zirconate or hanfate or stannate or tantalate or tungstate or niobate or molybdate))	40
<input type="checkbox"/>	L13	L12 and perovskite	219
<input type="checkbox"/>	L12	((anneal\$ or heating or heated or heat) same (ar or argon)) same (sputter\$ with (ar or argon or vacuum))	3846
<input type="checkbox"/>	L11	L10 and perovskite	64
<input type="checkbox"/>	L10	L9 and ((fe or iron or fe?sub.\$5 or co or cobalt or co?sub.\$5 or ni or nickel or ni?sub.\$5 or mn or manganese or mn?sub.\$5) with (ca or calcium or ca?sub.\$5 or sr or strontium or sr?sub.\$5 or ba or barium or ba?sub.\$5 or pb or lead or pb?sub.\$5 or y or yttrium or y?sub.\$ or la or lanthanum or la?sub.\$ or gd or gd?sub.\$ or gadolinium) with (tio?sub.3 or zro?sub.3 or sno?sub.3 or hf?sub.3 or mo?sub.3 or ta?sub.3 or w?sub.3 or nb?sub.3 or al?sub.3 or titnate or zirconate or hanfate or stannate or tantalate or tungstate or niobate or molybdate))	94
<input type="checkbox"/>	L9	((anneal\$ or heating or heated or heat) same (ar or argon)) and (sputter\$ with (ar or argon or vacuum))	7391
		<i>DB=EPAB,DWPI; PLUR=YES; OP=ADJ</i>	
<input type="checkbox"/>	L8	suzuki-t\$.in. and fukaya-a\$.in. and (oxygen ion)	3
		<i>DB=PGPB,USPT; PLUR=YES; OP=ADJ</i>	
<input type="checkbox"/>	L7	L5 not l4	103
<input type="checkbox"/>	L6	L5 or l4	201
<input type="checkbox"/>	L5	L2 and ((fe or iron or fe?sub.\$5 or co or cobalt or co?sub.\$5 or ni or nickel or ni?sub.\$5 or mn or manganese or mn?sub.\$5) with (ca or calcium or ca?sub.\$5 or sr or strontium or sr?sub.\$5 or ba or barium or ba?sub.\$5 or pb or lead or pb?sub.\$5 or y or yttrium or y?sub.\$ or la or lanthanum or la?sub.\$ or gd or gd?sub.\$ or gadolinium) with (tio?sub.3 or zro?sub.3 or sno?sub.3 or hf?sub.3 or mo?sub.3 or ta?sub.3 or w?sub.3 or nb?sub.3 or al?sub.3 or titnate or zirconate or hanfate or stannate or tantalate or tungstate or niobate or molybdate))	174
<input type="checkbox"/>	L4	L3 and ((fe or iron or fe?sub.\$5 or co or cobalt or co?sub.\$5 or ni or nickel or ni?sub.\$5 or mn or manganese or mn?sub.\$5) with (ca or calcium or ca?sub.\$5 or sr or strontium or sr?sub.\$5 or ba or barium or ba?sub.\$5 or pb or lead or pb?sub.\$5 or y or yttrium or y?sub.\$ or la or lanthanum or la?sub.\$ or gd or gd?sub.\$ or gadolinium) with (tio?sub.3 or zro?sub.3 or sno?sub.3 or hf?sub.3 or mo?sub.3 or ta?sub.3 or w?sub.3 or nb?sub.3 or al?sub.3 or titnate or zirconate or hanfate or stannate or tantalate or tungstate or niobate or molybdate))	98
		<i>DB=PGPB,USPT,USOC; PLUR=YES; OP=ADJ</i>	
<input type="checkbox"/>	L3	(L2 or l1) and perovskite	1335
<input type="checkbox"/>	L2	(firing or heating or heated or fired or fire or heat or calcine or calcined or calcining) same ((ar or argon or reducing) with atmosphere)	40950
<input type="checkbox"/>	L1	(firing or heating or heated or fired or fire or heat or calcine or calcined or calcining) same (ar or argon)	240934

=> file reg

FILE 'REGISTRY' ENTERED AT 19:24:12 ON 28 JUN 2005  
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FILE 'HCAPLUS' ENTERED AT 18:15:56 ON 28 JUN 2005

L1 273904 S LI ?/AU  
L2 343171 S WANG ?/AU  
L3 13714 S XUE ?/AU  
L4 6720 S XIANG ?/AU  
L5 2 S L1 AND L2 AND L3 AND L4  
L6 694 S L1 AND L2 AND L3  
L7 33946 S PEROVSKIT?  
L8 6 S L6 AND L7  
L9 51825 S L1 AND L2  
L10 2202 S L1 AND L3  
L11 1170 S L1 AND L4  
L12 3089 S L2 AND L3  
L13 1211 S L2 AND L4  
L14 41 S L3 AND L4  
L15 12015 S PEROVSKIT?/TI  
L16 16 S (L10-L14) AND L15  
L17 50435 S CHENG ?/AU  
L18 0 S L1 AND L2 AND L3 AND L4 AND L17

FILE 'LREGISTRY' ENTERED AT 18:22:14 ON 28 JUN 2005

L19 35 S (CA OR SR OR BA OR PB OR Y OR LA OR GD)/ELS (L) (TI OR

FILE 'REGISTRY' ENTERED AT 18:28:53 ON 28 JUN 2005

L20 30504 S (CA OR SR OR BA OR PB OR Y OR LA OR GD)/ELS (L) (TI OR  
L21 8 S PEROVSKITE#  
L22 1 S L20 AND L21

FILE 'HCA' ENTERED AT 18:30:10 ON 28 JUN 2005

L23 2 S L22  
L24 30012 S L20  
L25 32623 S PEROVSKITE#  
L26 2386 S L24 AND L25

FILE 'REGISTRY' ENTERED AT 18:32:16 ON 28 JUN 2005

L27 11227 S L20 AND 3/O  
L28 810 S L27 AND 4/ELC.SUB

L29 155 S (LA(L)MO(L)FE(L)O)/ELS  
L30 602 S (SR(L)TI(L)FE(L)O)/ELS  
L31 1 S L28 AND L29  
L32 44 S L28 AND L30

FILE 'HCA' ENTERED AT 18:43:12 ON 28 JUN 2005

L33 2 S L31  
L34 62 S L32  
L35 31 S L34 AND L25

FILE 'REGISTRY' ENTERED AT 18:45:21 ON 28 JUN 2005

L36 44 S L32 AND 1/SR  
L37 13 S L36 AND  $0 < FE < 0.10$   
L38 15 S L36 AND  $0.90 < TI < 1.00$   
L39 13 S L38 AND L37  
E FE0.05SRTI0.95O3  
L40 1 S E3

FILE 'HCA' ENTERED AT 18:51:22 ON 28 JUN 2005

L41 5 S L40  
L42 19 S L39

FILE 'REGISTRY' ENTERED AT 18:51:57 ON 28 JUN 2005

E BA0.95FE0.05TIO3  
E BA0.95FE0.05O3TI  
E CA0.95FE0.05TIO3  
E BA0.95FE0.05ZRO3  
E CA0.95FE0.05ZRO3  
E BA0.95FE0.05 ZR O3  
E CA0.95 FE0.05 ZR O3  
E BA0.95FE0.05O3TI  
E BA0.95FE0.05O3.0TI  
E BA0.95FE0.05TIO3  
E BA0.95FE0.05O3TI  
E CA0.95FE0.05TIO3  
E CA0.95FE0.05O3TI  
E BA0.95FE0.05ZRO3  
E BA0.95FE0.05O3ZR  
E CA0.95FE0.05ZRO3  
E CA0.95FE0.05O3ZR  
E BA0.95FE0.05HFO3  
E CA0.95FE0.05HFO3  
L43 3897 S  $0.85 < CA < 1.00$   
L44 3912 S  $0.85 < SR < 1.00$   
L45 6324 S  $0.85 < BA < 1.00$   
L46 9798 S  $0.85 < PB < 1.00$   
L47 3813 S  $0.85 < Y < 1.00$   
L48 4714 S  $0.85 < LA < 1.00$

L49 1403 S 0.85<GD<1.00  
L50 31730 S L43-L49  
L51 7490 S 0<FE<0.15  
L52 7178 S 0<CO<0.15  
L53 7393 S 0<NI<0.15  
L54 4227 S 0<CR<0.15  
L55 10153 S 0<MN<0.15  
L56 2259 S 0<V<0.15  
L57 34205 S L51-L56  
L58 5072 S L50 AND L57  
L59 3693 S L58 AND L20  
L60 24 S L59 AND L28

FILE 'HCA' ENTERED AT 19:12:48 ON 28 JUN 2005

L61 19 S L60  
L62 123183 S SPUTTER?  
L63 302665 S ANNEAL? OR TEMPER OR TEMPERS OR TEMPERED OR TEMPERED O  
L64 356 S FERROMAG?(3A) PEROVSKIT?  
L65 1257 S L28  
L66 21 S L65 AND L62  
L67 33 S L65 AND L63  
L68 3 S L65 AND L64  
L69 3 S L66 AND L67  
L70 471619 S FIRE OR FIRES OR FIRED OR FIRING# OR FURNAC? OR KILN? O  
L71 94241 S CALCIN?  
L72 95 S L65 AND L70  
L73 92 S L65 AND L71  
L74 0 S (L72 OR L73) AND L62  
L75 4 S (L72 OR L73) AND L63  
L76 0 S (L72 OR L73) AND L64

FILE 'REGISTRY' ENTERED AT 19:18:12 ON 28 JUN 2005

E ARGON/CN  
L77 1 S E3

FILE 'HCA' ENTERED AT 19:18:44 ON 28 JUN 2005

L78 262562 S L77 OR ARGON# OR AR  
L79 16 S L65 AND L78  
L80 6 S L79 AND (L62 OR L63 OR L64 OR L70 OR L71)  
L81 3 S L79 AND L25  
L82 27 S L23 OR L33 OR L41 OR L68 OR L69 OR L75 OR L80 OR L81  
L83 28 S (L42 OR L61) NOT L82

=> file hca

FILE 'HCA' ENTERED AT 19:24:21 ON 28 JUN 2005